

Amendments To The Claims:

This listing of claims will replace all prior versions, all listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for translating the contents of a binary data record existing in a programming language to a component in an object-oriented programming system comprising the steps of:

(a) determining a data record layout of a binary data record in an architecture-specific program, said data record layout comprising a name component and a contents ~~component~~, component;

(b) associating a first ~~at least one memory~~ reference to said name component ~~and/or~~ and a second reference to said contents component of said data record layout, said first and said second references ~~at least one reference~~ operating as address parameters to allow a programming interface to select said name component and said contents component from said data record layout in response to a data ~~request~~, request;

(c) modifying said architecture-specific program to include said first and said second references ~~at least one reference~~ for use by said programming interface and to include a base component from which generated source code can be derived using object-oriented inheritance language constructs; and

(d) generating source code for a software component of an object-oriented programming system, said software component being adapted to send to said programming interface said data request for the content of said binary data record associated with said reference, and said software component being adapted to receive from said programming interface a response to said data request; and request.

~~(e) — compiling said generated source code into a binary form.~~

2. (Cancelled)

3. (Currently Amended) The method as claimed in claim 1 ~~wherein said associating step further comprises~~ comprising providing a published programming interface operable to allow multiple programming languages to connect with an interprocess communications mechanism to deliver said name component of said record layout and an architecture-specific binary data record to said software component wherein said programming interface allows communication in multiple programming languages.

4. (Cancelled)

5. (Currently Amended) The method as claimed in ~~claim 2~~ claim 1 wherein said determining step comprises parsing an architecture-specific program source code having a data element ~~is parsed~~ to create a language neutral representation of said data element ~~where~~ and storing the result of the parsing ~~is stored~~ in a persistent storage medium ~~such as a relational database or a file system.~~

6. (Previously Presented) The method as claimed in claim 1 wherein said generating step further comprises dynamically invoking a compiler to convert said source code of said software component into a binary form.

7. (Currently Amended) The method as claimed in claim 6 further comprising ~~a software to load~~ loading said generated binary form into memory for use.

8. (Currently Amended) The method as claimed in ~~claim 4~~ claim 6 wherein said compiling step is performed dynamically.